

AMENDMENTS TO THE CLAIMS

The listing of the claims will replace the previous version, and the listing of the claims:

LISTING OF THE CLAIMS

1. (currently amended) An apparatus for separating and beating a material, comprising:

a conical stationary shell having a first beating section,
a ring-shaped stationary disc provided outside the conical stationary shell and having a second beating section,

means for fixing the stationary disc to the stationary shell and moving the stationary disc independently relative to the stationary shell parallel to a central axis thereof, said fixing means having a body extending from the stationary disc to change a position of the stationary disc relative to the stationary shell,

a conical rotor including a third beating section facing said first beating section to create a gap between the first beating section and the third beating section for the material to pass therethrough,

a ring-shaped rotor disc provided outside the conical rotor and including a fourth beating section facing said second beating section to create a gap between the second beating section and the fourth beating section for the material to pass therethrough, and

a rotational shaft attached to the conical rotor for supporting and rotating the same.

2. (original) An apparatus according to claim 1, wherein the second beating section of the ring-shaped stationary disc and the fourth beating section of the ring-shaped rotor disc are machined discs.

3. (cancelled)

4. (original) An apparatus according to claim 1, wherein the ring-shaped rotor disc is connected to and moved independently relative

to the conical rotor parallel to a longitudinal direction of the rotational shaft.

5. (original) An apparatus according to claim 1, wherein the conical type stationary shell is divided into at least an upstream section and a downstream section with respect to a material flow, and the conical rotor is divided into at least an upstream section and a downstream section with respect to the material flow.

6. (original) An apparatus according to claim 1, wherein said first and third beating sections face each other so that a distance between the first and third beating sections is gradually decreased along a flow direction of the material.

7. (original) An apparatus according to claim 6, wherein said gap between the second and fourth beating sections is narrower than the distance between the first and third beating sections.

8-9. (cancelled)

10. (new) An apparatus according to claim 1, further comprising a casing with a female screw, to which the stationary shell and the stationary disc are attached, said body being a cylinder body having a male screw engaging the female screw of the casing.

11. (new) An apparatus according to claim 10, wherein said fixing means further includes a nut engaging the cylinder body to fix the cylinder body to the casing, and a bolt passing through the cylinder body and engaging the stationary disc to fix the stationary disc to the cylinder body.